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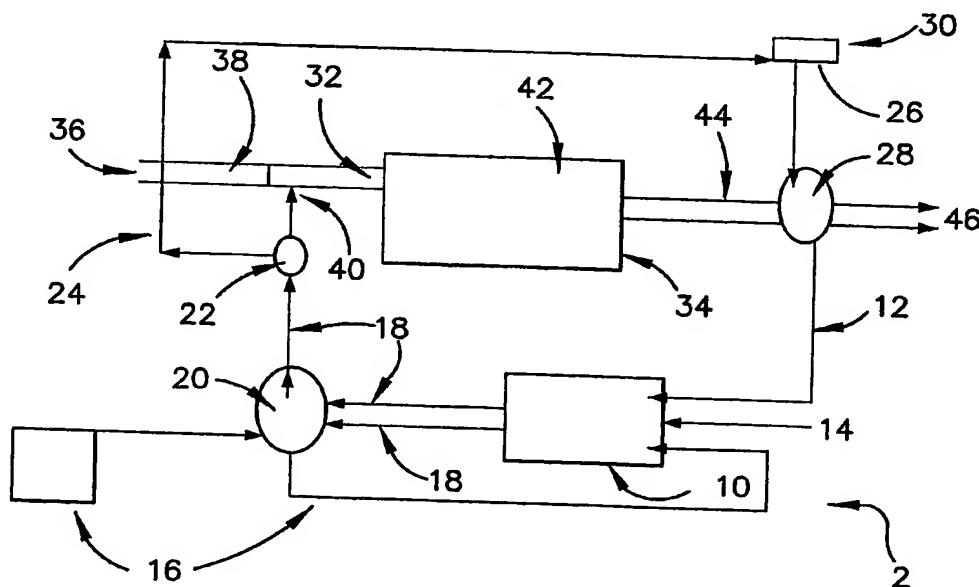
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(54) Title: REFORMATE ASSISTED COMBUSTION



(57) Abstract: A hydrogen gas generator in the form of a reformer is used to produce a reformat gas containing hydrogen and at least one other component for use as a fuel or part of a fuel for a compression engine. The hydrogen containing gas blend or mix is used as one component of a fuel for the engine using hydrogen assisted combustion. The hydrogen containing gas produced as the reformat does not require the non hydrogen components to be removed from the gas prior to introduction to the engine either directly or indirectly. This provides a significant saving in cost as pure hydrogen is no longer required for hydrogen assisted combustion.

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